



Legend

Well Location

Permeable Reactive Barrier (PRB)

Notes:

1. Site features, property boundaries and well locations are approximate and are not of legal land survey.

2. Basemap source: Golder Associates, drawing titled: "Potentiometric Surface Elevation Map April 2013", dated August, 26, 2013, Figure Number 1, File No. 12384321, Revision 1 (Draft) and modified by Geosyntec in December 2014.

3. Imagery source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

4. Coordinate system is NAD83, KS South, State Plane Zone 1502, US Survey Foot format

Location	Easting	Northing
IW-12	1654956.71	1710758.11
IW-13	1654939.73	1710760.41
IW-14	1654927.02	1710760.08
IW-15	1654923.79	1710742.45
IW-16	1654904.99	1710740.19
IW-17	1654875.60	1710700.21
IW-18	1654883.78	1710720.26
IW-19	1654864.15	1710720.65
IW-20	1654883.46	1710739.54
IW-21	1654885.60	1710759.52
IW-22	1654906.96	1710759.64
IW-23	1654902.25	1710779.25
IW-24	1654921.84	1710779.29
IW-25	1654941.56	1710781.08
IW-26	1654961.82	1710778.26
MW-28	1654846.54	1710677.86
MW-29	1654564.13	1710579.36
MW-30	1654564.26	1710541.52
MW-31	1654564.64	1710500.84
MW-32	1654565.31	1710451.32
MW-33	1654769.45	1710692.46
MW-34	1654723.11	1710550.71
MW-35	1654932.63	1710755.43

150750150 Feet

Well Installation Locations

USD 259 School Service Center, Wichita, Kansas

Geosyntec[®]
consultants

Guelph

Figure

1

April 2016

WATER WELL RECORD Form WWC-5

Division of Water
Resources App. No.

MW-35

☒ Original Record ☐ Correction ☐ Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction SW ¼ NE ¼ SW ¼ SE ¼	Section Number 27	Township Number T 26 S	Range Number R 1 ☒ E ☐ W
2 WELL OWNER: Last Name: First: Business: USD 259 School Services Center Address: 3850 N. Hydraulic St. City: Wichita State: KS ZIP: 67219		Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: ☒			

3 LOCATE WELL WITH "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: 30 ft. Depth(s) Groundwater Encountered: 1) 21.8 ft. 2) ft. 3) ft., or 4) ☐ Dry Well WELL'S STATIC WATER LEVEL: 19.62 ft. ☒ below land surface, measured on (mo-day-yr) 02/17/2016 ☐ above land surface, measured on (mo-day-yr) Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 3.6 in. to 30 ft. and in. to ft.	5 Latitude: 37.754886 (decimal degrees) Longitude: 97.314925 (decimal degrees) Datum: ☐ WGS 84 ☒ NAD 83 ☐ NAD 27 Source for Latitude/Longitude: ☐ GPS (unit make/model:) (WAAS enabled? ☐ Yes ☐ No) ☒ Land Survey ☐ Topographic Map ☐ Online Mapper:
	6 Elevation: 1332.58 ft. ☐ Ground Level ☒ TOC Source: ☒ Land Survey ☐ GPS ☐ Topographic Map ☐ Other	

7 WELL WATER TO BE USED AS:

1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock	5. ☐ Public Water Supply: well ID 6. ☐ Dewatering: how many wells? 7. ☐ Aquifer Recharge: well ID 8. ☒ Monitoring: well ID MW-35	10. ☐ Oil Field Water Supply: lease 11. Test Hole: well ID ☐ Cased ☐ Uncased ☐ Geotechnical
2. ☐ Irrigation	9. Environmental Remediation: well ID ☐ Air Sparge ☐ Soil Vapor Extraction	12. Geothermal: how many bores? a) Closed Loop ☐ Horizontal ☐ Vertical b) Open Loop ☐ Surface Discharge ☐ Inj. of Water
3. ☐ Feedlot	4. ☐ Industrial ☐ Recovery ☐ Injection	13. ☐ Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ☒ No If yes, date sample was submitted:
 Water well disinfected? ☐ Yes ☒ No

8 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded
 Casing diameter 1.5 in. to 20 ft., Diameter 0 in. to ft., Diameter in. to ft.
 Casing height above land surface 0 in. Weight lbs./ft. Wall thickness or gauge No. 40

TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☐ Fiberglass ☒ PVC ☐ Other (Specify)
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
☐ Continuous Slot ☒ Mill Slot ☐ Gauze Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify)
☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 20 ft. to 30 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 18.5 ft. to 30 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other Bentonite Cement (1-16.5')
 Grout Intervals: From 1 ft. to 16.5 ft., From 16.5 ft. to 18.5 ft., From ft. to ft.

Nearest source of possible contamination:
☐ Septic Tank ☐ Lateral Lines ☐ Pit Privy ☐ Livestock Pens ☐ Insecticide Storage
☐ Sewer Lines ☐ Cess Pool ☐ Sewage Lagoon ☐ Fuel Storage ☐ Abandoned Water Well
☐ Watertight Sewer Lines ☐ Seepage Pit ☐ Feedyard ☐ Fertilizer Storage ☐ Oil Well/Gas Well
☐ Other (Specify)
 Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Concrete slab	28	30	Siltstone, dk grv
0.5	0.9	Fill, with clay			
0.9	21.8	Lean Clay, dk brn to med red to med brn,			
21.8	22	Sand, prlv grd, med brn, fn to med			
22	22.3	Lean Clay, med brn, trc sand & silt			
22.3	23.4	Wthrd Siltstone, grn to grv			
23.4	24	Claystone, med brn	Notes:		
24	25.2	Silt/Wthrd Siltstone, med brn to grn grv			
25.2	28	Wthrd Siltstone, grn to grv			

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) 01/29/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 531. This Water Well Record was completed on (mo-day-year) 03/18/2016 under the business name of GSI Engineering, LLC.

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